

1st Battalion, 24th Marine Regiment

Commodity Area: Comm Elect

Functional Area: Maintenance Production

Analyzed By: (b)(6)

Total Discrepancies: 3

1. Are authorized personnel assigning proper Urgency of Need Designators (UND) on Service Requests? (MCO 4400.201, Volume 3, Paragraph 010702; MCO 4400.16H, Paragraph 4.b(9); MCO 4790.2, Enclosure (1), Chapter 3, Paragraph 2.a(1)(d); UM 4000-125, Volume 3, Maint 101, S01.03, Step 25; MMSOP/MMPL). Category: Maintenance Production

Yes

2. Are acceptance inspections properly conducted and documented when equipment is turned in to the supporting maintenance activity? (MCO 4790.2, Enclosure (1), Chapter 3, Paragraph 2.a.(1) and Appendix C, Paragraph 3.c; UM 4000-125, Volume 3, Maint 101, S01.04, Step 18). Category: Maintenance Production

Yes

3. Has the DRIS been established during the induction phase? (MCO 4790.2, Enclosure (1), Appendix C, Paragraph 4(a)(1); UM 4000-125, Volume 3, Maint 101, S01.04, Step 106). Category: Maintenance Production

No

1 of 28 records reviewed during the analysis was discrepant. The cause is listed below.

1 record: Status of 'equipment accepted' was not entered when equipment was physically accepted.

SUC: Y14161_COMM

SR 29719288, There was no DRIS Date established as required.

Analyst Note: The commodity is required to ensure personnel establish a DRIS for all CM, MI and PMCS with the 'Equipment Accepted' status once ME is accepted within Maintenance.

4. Has a Task been created for each major defect? (MCO 4790.2 Enclosure 1, Appendix C, Paragraph 3(f); UM 4000-125, Volume 3, Maint 101, S01.04, Step 18). Category: Maintenance Production

Yes

5. Did the commodity submit a PQDR when required? (MCO 4855.10C; MCO 4105.2; MCO 4790.2, Enclosure (1), Chapter 4, Paragraph 10 and Chapter 3, Paragraph 6; Applicable Supply Instructions and Fielding Plans). Category: Maintenance Production

N/A

Analyst Note: There was no equipment requiring a PQDR from the sample of Maintenance-CM SRs from Q1.

6. Is the commodity following established warranty procedures? (MCO 4790.2, Enclosure (1), Chapter 4, Paragraph 10; MCO 4105.2; MCO 4855.10C; Applicable Supply Instructions and Fielding Plans; MMSOP). Category: Maintenance Production

N/A

Analyst Note: The commodity had no equipment in the maintenance cycle that was covered under a warranty.

7. Are parts requirements associated to the appropriate task? (MCO 4790.2, Appendix C, Paragraph 4.a(2); UM 4000-125, Volume 3, Maint 101, S01.04, Step 18). Category: Maintenance Information and Reporting

Yes

8. Is the priority commensurate with the associated Maintenance Task? (MCO 4400.16H, Enclosure (1), Paragraphs 5 and 7; CMC Message 271253Z FEB 18). Category: Maintenance Information and Reporting

No

1 of 6 records reviewed during the analysis was discrepant. The causes are listed below.

1 record: Operational statuses were not commensurate with maintenance action.

1 record: Parts requisition priority was not commensurate with the maintenance actions.

1 record: Lack of reconciliation/follow-up by supervisory personnel.

1 record: Did not have resident MOS.

AAC-M14160_CEM

SR 29837130, Task 23282457 that was assigned to AAC-M14160_SUP. The SR and task were priority 13 and Operational Minor. The item was a BATTERY, STORAGE, NIIN 014768945, CEC 5 (CRITICAL REPAIR PART TO A COMBAT ESSENTIAL END ITEM. THOSE PARTS OR COMPONENTS WHOSE FAILURE IN A COMBAT ESSENTIAL END ITEM WILL RENDER THE END ITEM INOPERATIVE OR REDUCE ITS EFFECTIVENESS BELOW THE MINIMUM ACCEPTABLE LEVEL OF EFFICIENCY.)

Corrective Actions and/or Recommendations for Sustainment: The battery replacement should have been documented and requisitioned on a Maintenance-CM SR UND B priority 06 at a minimum with an operational status of Deadlined or Operational Degraded. Open a Maintenance-CM SR and applicable tasks to requisition the battery and are followed by an explanation of the discrepant record.

9. Does the maintenance activity assign the appropriate Job Status Codes to reflect the transition through the maintenance production process? (MCO 4790.2, Enclosure (1), Appendix C, Paragraph 3.e(2); UM 4000-125, Volume 1,

Status Codes Service Requests, page 1246). Category: Maintenance Information and Reporting

Yes

10. Is the unit following procedures for extension of Maximum Maintenance Cycle Time (MMCT)? (MCO 4400.201, Vol 6, Paragraph 030303; CMC Message 191845Z JUN 18; MMSOP/MMMPL). Category: Maintenance Production

No

3 of 8 records reviewed during the analysis were discrepant. The cause is listed below.

3 records: Maintenance cycle time extensions were not initiated.

SUC: AAC-M14160_CEM

SR 27513488, SR is Deadlined Priority 06 B-Urgent over 563 days and current status is DIS RPR, with no MMCT letter within GCSS-MC or on file.

SR 27515734, SR is Deadlined 06 B-Urgent over 563 days and current status is DIS RPR, with no MMCT letter within GCSS-MC or on file.

SR 28675364, SR is Deadlined Priority 06 B-Urgent over 314 days and current status is SHT PART, with no MMCT letter within GCSS-MC or on file.

Analyst Note: MMCT thresholds should be monitored, managed and only exceeded by exception. All SR requiring MMCT letter require timely submission and monitored on a continuous basis until the SR is closed or disposed of.

11. Is the commodity debriefing parts prior to the closure of the Service Request? (MCO 4790.2, Enclosure (1), Appendix C, Paragraph 6; UM 4000-125, Volume 3, Maint 101, S01.04, Step 18). Category: Maintenance Production

N/A

Analyst Note: There were no SRs in the last 12 months that required parts to be debriefed with regards to A TAMCN Military Equipment.

12. Is the maintenance activity properly debriefing labor prior to the closure of the service request? (MCO 4790.2, Enclosure (1), Appendix C, Paragraph 6.a(2); UM 4000-125, Volume 3, Maint 101, S01.04, Step 18). Category: Maintenance Program and Resource Management

Yes

13. Upon completion of maintenance actions, are assigned quality control personnel documenting final inspections? (MCO 4790.2, Enclosure (1), Chapter 3, Paragraph 2.c(4); UM 4000-125, Volume 3, Maint 101, S01.04, Step 18; Appropriate Commodity Chapters of TM 4700-15/1H). Category: Maintenance Production

Yes

Commodity Area: Comm Elect

Functional Area: Preventive Maintenance Checks and Services

Analyzed By: (b)(6)

Total Discrepancies: 3

1. Have equipment counters been updated? (MCO 4790.2, Enclosure (1), Chapter 3, Paragraph 4.b; UM 4000-125, Volume 3, Maint 101, S01.04, Step 18 and Maint 201, S02.06). Category: Maintenance Information and Reporting

No

3 of 7 records reviewed during the analysis was discrepant. The causes are listed below.

3 records: Equipment owner did not update counters.

3 records: Equipment owner was unaware of the requirement.

The counter reading history was obtained for the last six months with the following results.

SUC: Y14161_COMM

TAMCN B0018, SERNR 637639 did not have the counter/hour meter reading established and has Time Based and EOTC PMCS requirements. This equipment is obsolete and is required to be processed for disposal based on ITEG I DP 11490A. This publication was provided to the unit during the analysis. The only recorded SR 12888182 was 24 June 2014 to replenish SL-3 items.

TAMCN B0730, SERNR FZA13903 had a counter reading of 400 hours recorded as of 8 March 2020. The only other recorded counter reading was 400 hours on 28 February 2020.

TAMCN B0730, SERNR FZA13910 had a counter reading of 295 hours recorded as of 8 March 2020. The only other recorded counter reading was 295 hours on 28 February 2020.

Corrective Actions and/or Recommendations for Sustainment: Equipment counters are used to measure the operating intervals of equipment. All equipment requiring an EOTC measurement of use is required to be configured with a counter within GCSS-MC Installed Base. Commanders and Responsible Officers, with the aid of the MMO, should ensure equipment counters are updated and reconciled at a minimum of monthly or as operational conditions warrant.

Analyst Note: The condition of the equipment and counter readings could not be validated due to the conduct of a remote analysis.

2. Has scheduled PMCS been performed? (MCO 4790.2, Enclosure (1), Chapter 3, Paragraph 4; TM 4700-15/1H, Paragraphs 2-2.d.38.c; Applicable Technical Publications). Category: Maintenance Production

No

6 of 7 records reviewed during the analysis were discrepant. The causes are listed below.

3 records: Equipment was over-due for PMCS.

6 records: Lack of internal inspections/follow-up by supervisory personnel.

3 records: PMCS were not properly conducted and documented.

3 records: Annual safety/condition checks were not conducted.

3 records: A PMCS SR was not resident in GCSS-MC for equipment requiring PMCS.

2 records: PMCS SR tasks did not contain appropriate performance steps IAW TM.

SUC: Y14161_COMM

Parent TAMCN A0067, Radio Set, SERNR 14160001, Child TAMCN D1158, M1123 Truck, Utility, SERNR 601109, Item is overdue for PMCS;, Last Time Based Type; Annual, Last Time Based Date; 18-Apr-2019, Next Time Based Type; Biennial, Next Timed Based Date; 8-Apr-2020.

Parent TAMCN A0067, Radio Set, SERNR B616, Child TAMCN D1158, M1123 Truck, Utility, SERNR 607768, Item is overdue for PMCS. Last Time Based Type; Annual, Last Time Based Date; 19-Mar-2019, Next Time Based Type; Biennial, Next Timed Based Date; 9-Mar-2020.

Parent TAMCN A0067, Radio Set, SERNR B503, Child TAMCN D1158, M1123 Truck, Utility, SERNR 611263, Item is overdue for PMCS. Last Time Based Type; Biennial, Last Time Based Date; 27-Jun-2018, Next Time Based Type; Annual, Next Timed Based Date; 30-Jun-2019.

TAMCN B0018, SERNR 637639 did not have any recorded or documented Time or EOTC PMCS service requests to indicate PMCS had been conducted. This equipment is obsolete and is required to be processed for disposal based on ITEG I DP 11490A. This publication was provided to the unit during the analysis. The only recorded SR 12888182 was 24 June 2014 to replenish SL-3 items.

TAMCN B0730, SERNR FZA13903 had a counter reading of 400 hours recorded as of 8 March 2020. The last recorded PMCS SR was 23105390, which was recorded on the unit PMCS report as a Semi-Annual. The parts requisitioned were a mixture of items that did not relate to a Semi-Annual PMCS dated 22 July 2017. The equipment has EOTC intervals of 100 HOURS, 200 HOURS, 300 HOURS, 400 HOURS, 500 HOURS and 1,000 HOURS. There were no recorded or documented EOTC service requests to indicate the EOTC PMCS had been conducted. There was no Final QC task nor labor debriefed to indicated PMCS had been conducted.

TAMCN B0730, SERNR FZA13910 had a counter reading of 295 hours recorded as of 8 March 2020. The last recorded PMCS SR was 23105400, which was recorded on the unit PMCS report as a Semi-Annual dated 10 August 2016. The parts requisitioned were a mixture of items that did not relate to a Semi-Annual PMCS. The equipment has EOTC intervals of 100 HOURS, 200 HOURS, 300 HOURS, 400 HOURS, 500 HOURS and 1,000 HOURS. There were no recorded or documented

EOTC service requests to indicate the EOTC PMCS had been conducted. There was no Final QC task nor labor debriefed to indicated PMCS had been conducted.

Corrective Actions and/or Recommendations for Sustainment: Follow PMCS tables in the PM/CAL scheduler and the equipment technical manuals. Coordinate with adjacent MWSS-471 Det B to conduct and document the required PMCS using the copy SR procedures outlined in the UM 4000-125 Volume 3 when using a supporting maintenance activity. Conduct a MAL review and request redistribution of equipment that are not authorized. Dispose of obsolete equipment based on Disposal Plans

3. Has required PMCS been scheduled? (MCO 4790.2, Enclosure (1), Chapter 3, Paragraph 4.a(2)(b); TM 4700-15/1H, Paragraphs 2-4.b thru 2-4.c; UM 4000-125, Volume 3, Maint 201, S01.01; Applicable Technical Publications). Category: Maintenance Production

No

3 of 5 records reviewed during the analysis were discrepant. The causes are listed below.

1 record: Equipment was scheduled with the incorrect frequency/type of PMCS.

3 records: Lack of internal inspections/follow-up by supervisory personnel.

3 records: Appropriate instruction/training was not provided by supervisory personnel.

3 records: PMCS were not scheduled within prescribed time frame.

The below listed equipment was not scheduled based on the guidance in TM 4700-15/1H, Chapter 3, applicable equipment Technical Manuals and the GCSS-MC maintenance tables.

SUC: Y14161_COMM

TAMCN B0018, SERNR 637639 had the Next Time Based scheduled as Semi-Annual when it should have been an Annual based on TM 4700-15/1H and the GCSS-MC maintenance tables. There was no EOTC intervals recorded on the unit PM schedule. The equipment has EOTC intervals of 250 HOURS, 500 HOURS, 1000 HOURS, and 2,000 HOURS. This equipment is obsolete and is required to be processed for disposal based on ITEG I DP 11490A. This publication was provided to the unit during the analysis.

TAMCN B0730, SERNR FZA13903 had a counter reading of 400 hours recorded as of 8 March 2020. There was no Last Time Based Type interval recorded. The equipment has Time Based intervals of Semi-Annual and Annual. There were no EOTC intervals recorded on the unit PM schedule. The equipment has EOTC intervals of 100 HOURS, 200 HOURS, 300 HOURS, 500 HOURS and 1,000 HOURS.

TAMCN B0730, SERNR FZA13910 had a counter reading of 295 hours recorded as of 8 March 2020. The equipment has Time Based intervals of Semi-Annual and Annual. There were no EOTC intervals recorded on the unit PM schedule. The equipment has EOTC intervals of 100 HOURS, 200 HOURS, 300 HOURS, 500 HOURS and 1,000 HOURS.

Corrective Actions and/or Recommendations for Sustainment: A review of the TM 4700-15/1H, Chapter 3 was conducted along with PMCS requirements in regards to warranty expirations. Follow PMCS tables in the PM/CAL scheduler and the equipment technical manuals. The GCSS-MC PMCS Maintenance Schedules were provided with amplifying guidance. If a disparity exists between the equipment technical manual; and the schedules in GCSS-MC then a Remedy ticket needs to be submitted to identify and correct the problem. Coordinate with MWSS-471 to provide training and assistance with PMCS scheduling.

Commodity Area: Comm Elect

Functional Area: Parts Requirement

Analyzed By: (b)(6)

Total Discrepancies: 1

1. Are validations/reconciliations conducted between the commodities (supply, MMO, maintenance activity, and supporting activities), and are corrective actions initiated by the commodity/IMA for requisitions? (MCO 4790.2, Chapter 1, Paragraph 4.b; UM 4000-125, Volume 3, Maint 101, S01.04, Step 18; MMSOP/MMPL). Category: Procurement

No

7 of 7 records reviewed during the analysis were discrepant. The causes are listed below.

7 records: Validations were not conducted.

7 records: Corrective actions were not initiated for any identified discrepancies.

AAC-M14160_CEM

SR 29686948 Task Number 23088574 had one item in the parts requirement form that was assigned to AAC-M14160_SUP on 25-FEB-2020. There has been no indication of validation or reconciliation to create the order

SR 29685326 Task Number 23088265 had three items in the parts requirement form that was assigned to AAC-M14160_SUP on 25-FEB-2020. There has been no indication of validation or reconciliation to create the order.

SR 29687090 Task Number 23088745 had no parts in the requirements form, the SR was running Short parts since 25-FEB-2020. There has been no indication of validation or reconciliation to create the order.

SR 29784438, Task number 23212027 had three items in the parts requirement form that was assigned to AAC-M14160_SUP on 10 March 2020. There has been no indication of validation or reconciliation to create the order. Additionally the SR type is Maintenance-CM when it should have been a Maintenance-PM based on the task notes.

SR 29805308 Task Number 23237268 had three item in the parts requirement form that was assigned to AAC-M14160_SUP on 14-MAR-2020. There has been no indication of validation or reconciliation to create the order.

SR 29825836 Task Number 23265598 had three item in the parts requirement form that was assigned to AAC-M14160_SUP on 19-MAR-2020. There has been no indication of validation or reconciliation to create the order.

SR 29837130, Task number 23282457 had four items in the parts requirement form that was assigned to AAC-M14160_SUP on 23 March 2020. There has been no indication of validation or reconciliation to create the order. Additionally the SR type is a Maintenance-PM and has a battery included on the Parts

Requirement form. Replacement of batteries should have been documented and requisitioned on a Maintenance-CM type SR.

Corrective Actions and/or Recommendations for Sustainment: Follow the procedures outlined in the references of this question. "Transaction Status" Type Tasks. Utilized in conjunction with a "Validation-request" task. This type of task is utilized for reconciliation between the maintenance activity and supply when there is a requirement for customer requested cancellations, requisition modifications or a required follow-up action (i.e. the supply status provided does not sufficiently support maintenance efforts, actions or priorities).

Commodity Area: Comm Elect

Functional Area: Calibration Control

Analyzed By: (b)(6)

Total Discrepancies: 1

1. Is all equipment requiring calibrations included in the Calibrations and Maintenance Program (CAMP)? (MCO 4733.1C, Paragraph 6.a; MCO 4790.2, Enclosure (1), Chapter 4, Paragraph 5.d; TI 4733-15-1A, Paragraph 5; TI 4733 15/11D; TI 4733-15/21A; UM 4000-125, Volume 3, Maint 201, S01.06; MMSOP/MMPL). Category: Maintenance Program and Resource Management

Yes

2. Has Test Measurement and Diagnostics Equipment (TMDE) requiring calibration been submitted to the calibration facility? (MCO 4790.2, Enclosure (1), Chapter 4, Paragraph 5; TI 4733-15-1A; TI 4733-OD/10; UM 4000-125, Volume 3, Maint 201, S01.06; TI 4733 15/11D; MMSOP/MMPL). Category: Maintenance Program and Resource Management

No

12 of 21 records reviewed during the analysis were discrepant. The causes are listed below.

11 records: TMDE was on hand and past Next Cal dates.

12 records: Lack of reconciliation/follow-up by supervisory personnel.

SUC: Y14161_COMM

TAMCN A7059, OHMMETER, SERNR 033811, Last Cal Date 07-Mar-2017, Next Cal Date 20-FEB-2020, Open SR 29902904.

TAMCN A7061, OSCILLOSCOPE, SERNR DM8290154, Last Cal Date 07-Dec-2016, Next Cal Date 22-NOV-2019, Open SR 29902962.

TAMCN A7061, OSCILLOSCOPE, SERNR DM8830393, Last Cal Date 30-Mar-2017, Next Cal Date 14-MAR-2020, Open SR 29903122.

TAMCN A7061, OSCILLOSCOPE, SERNR DM9000318, Last Cal Date 31-Mar-2017, Next Cal Date 15-MAR-2020, Open SR 29903024.

TAMCN A7080, Test Set, Radio, SERNR 1000080467, Last Cal Date 26-Jul-2017, Next Cal Date 21-JUL-2018, Open SR 29818884.

TAMCN A7080, Test Set, Radio, SERNR 300102351, Last Cal Date, 22-Feb-2019, Next Cal Date 20-FEB-2020, Open SR 29902678.

TAMCN A7080, Test Set, Radio, SERNR 1000324296, Last Cal Date 13-Jun-2017, Next Cal Date 08-JUN-2018, Open SR 29818918.

TAMCN H7001, Counter, Electronic, SERNR 0283, Last Cal Date 23-Jan-2018, Next Cal Date 18-JAN-2019, Open SR 29901222.

TAMCN H7012, Test Set, Radio Freq, SERNR 99631015, Last Cal Date 27-Mar-2017, Next Cal Date 11-MAR-2020, Open SR 29818850.

TAMCN H7030, Multimeter, SERNR 0075681, Last Cal Date 17-Jan-2019, Next Cal Date 17-JAN-2020, Open SR 29902760.

TAMCN H7030, Multimeter, SERNR 0079347, Last Cal Date 23-Jan-2018, Next Cal Date 18-JAN-2019, Open SR 29902904.

1 record: Special Cal Remarks were blank.

TAMCN N/A, Plug-In Unit, Electrical, SERNR 92820125, Last Cal Type Special, Remarks column was blank (what the Special Cal Parameters needs to be placed in the Remarks Column).

Corrective Actions and/or Recommendations for Sustainment: Review all tool sets, kits and equipment to determine if any items require calibration. ME items that have an OTC of 3 are required to be included in the units CAMP. All Special Cal items require Remarks as to what type of Special Cal parameters are associated with the ME.

Analyst Note: The previous Cal Lab located in Indiana, had a 6 month to 1 year turnaround time. Due to these issue with the Lab TMDE needing Cal could not be staggered and became out of date and overdue for CAL. In October of 2019, the process to use a local Cal facility was being worked. In January funding was approved to use the local Cal facility at TACOM. TACOM does not use GCSS-MC so 1/24 opened up GCSS-MC SRs to track calibration equipment. A schedule was put in place to have all items up to date with Cal by the end of 3rd QTR but due to the Covid-19 pandemic which closed the Cal facility halting the process of getting all items up to date. The Cal facility has recently opened back up and the command has resumed taking items to become updated.

Commodity Area: Comm Elect

Functional Area: Inventory Control

Analyzed By: (b)(6)

Total Discrepancies: 2

1. Are inventory records for Sets, Kits, Outfits, and Tools (SKOT) and Military Equipment established? (MCO 4400.201, Volume 3, Paragraphs 021402 and 021805; MCO 4790.2, Enclosure (1), Chapter 4, Paragraph 11; TM 10209-10/1; TM 4700-15/1H, Paragraphs 2-6 and 15-7; MMSOP/MMPL). Category: Maintenance Program and Resource Management

No

4 of 38 records reviewed during the analysis were discrepant. The causes are listed below.

4 records: Tools/SL-3 records were not maintained nor created.

SUC: Y14161_COMM

The below equipment did not have inventory records which were not uploaded to the <https://eis.usmc.mil/sites/lmte/remote/M14160/Forms/AllItems.aspx>

TAMCN B0018, SERNR 637639
TAMCN B0027, SERNR H1017484
TAMCN B0028, SERNR F1214246
TAMCN B0029, SERNR H1214402

Corrective Actions and/or Recommendations for Sustainment: Training was provided on the inventory control process during the analysis via email and phonecon. Ensure that adequate supervision is afforded during the conduct of the inventory process along with effective internal inspections by the MMO.

2. Has the unit commander established allowances in writing, for Using Unit Responsibility Items (UURI) and Additional Authorization List (AAL) items? (MCO 4400.201, Volume 3, Paragraph 021402). Category: Maintenance Program and Resource Management

No

3 of 8 records reviewed during the analysis were discrepant. The causes are listed below.

3 records: UURI/AAL were on hand but not listed on the UURI/AAL authorization letter.

3 records: Personnel unfamiliar with UURI requirements.

SUC: Y14161_COMM

TAMCN A0336, Radio, Set, SERNR 2EF0-EB6-408 UURI # 22, Battery Storage was authorized on UURI letter but was not marked as on hand.

SUC: Y14163

TAMCN A0336, Radio, Set, SERNR 2EF0-58E-C53, UURI # 18 Antenna Group Sat Com, UURI # 19 and # 21 Battery Storage were not authorized on UURI letter but were marked as on hand.

SUC: Y14168

TAMCN A0336, Radio, Set, SERNR 2EE4-906-887, UURI # 18, Antenna Group Sat Com and UURI # 23 Battery Storage were not authorized on UURI letter but were marked as on hand.

Analyst Note: A thorough review of all required UURI components should be conducted by the RO before obtaining the Commanding Officer's signature for the authorization letter. Endorsing Personnel need to properly review the enclosure(s) to ensure uniformity and that accurate information pertaining to the TAMCN, NOMENCLATURE and SERNRs are submitted.

3. Are required replacement items requisitioned or identified as an unfunded deficiency? (MCO 4400.201, Volume 3, Paragraph 0214; UM 4000-125, Volume 2, Inv 101, S04.03). Category: Maintenance Program and Resource Management

N/A

Analyst note: There were no missing items identified by commodity personnel that required replacement.